

**FRIEDMAN & BRUYA, INC.****ENVIRONMENTAL CHEMISTS**

Date of Report: July 21, 1995  
Date Received: July 19, 1995  
Project: #7238, Metro 24 Hr. (ACW), PO M50193  
Date Samples Extracted: July 20, 1995  
Date Extracts Analyzed: July 20, 1995

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR CHROMIUM, COPPER, NICKEL AND ZINC  
Samples Processed Using Method 3005  
per Washington DOE Guidelines  
Results Reported as mg/L (ppm)**

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M50193 A Discharging	0.55	0.29	0.34	<0.05
M50193 B No Discharge	0.50	0.30	0.33	<0.05
<b><u>Quality Assurance</u></b>				
Blank	<0.05	<0.05	<0.05	<0.05
M50193 B No Discharge (Duplicate)	0.56	0.33	0.36	0.09
M50193 B No Discharge (Matrix Spike) % Recovery	104%	102%	104%	105%
M50193 B No Discharge (Matrix Spike Duplicate) % Recovery	108%	105%	106%	108%
Spike Blank % Recovery	103%	102%	103%	102%
Spike Level	5	5	10	5

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Andrew John Friedman  
James E. Bruya, Ph.D.  
(206) 285-8282

3012 16th Avenue West  
Seattle, WA 98119-2029  
FAX: (206) 283-5044

July 21, 1995

Gerald Thompson, Project Leader  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

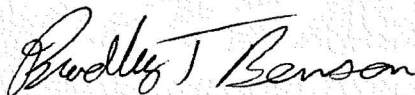
Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on July 19, 1995 from your project #7238, Metro 24 Hr. (ACW), PO M50193.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson  
Chemist

jdp  
Enclosures

ACU0721R

AKC-0012681

## SAMPLE CHAIN OF CUSTODY

BTB AI  
07.19.95  
2:58

Contact: GLEAD Thompson

Phone # (206) 352-8379

Date 7-19-55

PURCHASE ORDER #

7238



metres 24 hr (ACU)

m 50/93

PROJECT LOCATION

### SAMPLE DISPOSAL INFORMATION

☐ Dispose after 30 days  
☒ Return Samples  
☐ Call for Instructions

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: 	GERALD Thompson	ACW	7/19/98	1:50 pm
Received by: 	Cathy DOWNING	FBI	7/19/98	1:53 pm
Relinquished by:				
Received by:				



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**DUPLICATE COPY**

**July 21, 1995**

**INVOICE # 95ACU0721-3**

**Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134**

**RE: Project #7238, Metro 24 Hr. (ACW), PO M50193: Results of testing requested  
by Gerald Thompson, Project Leader for material submitted on July 19, 1995.**

**2 water samples analyzed for Chromium, Copper,  
Nickel and Zinc @ \$65 per sample**

**\$ 130.00**

**Amount Due .....**

**\$ 130.00**